

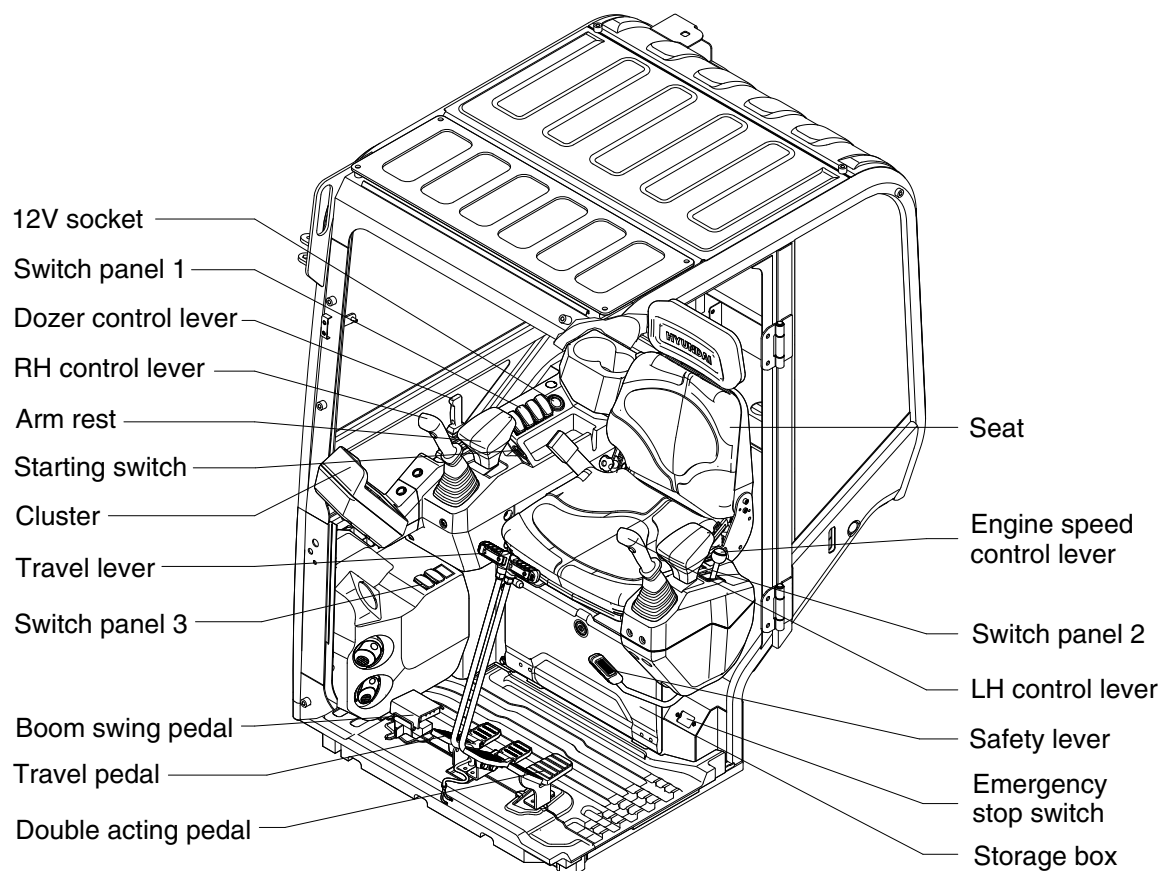
1. CANOPY / CAB DEVICES

- 1) The ergonomically designed console box and suspension type seat provide the operator with comfort.

2) ELECTRONIC MONITOR SYSTEM

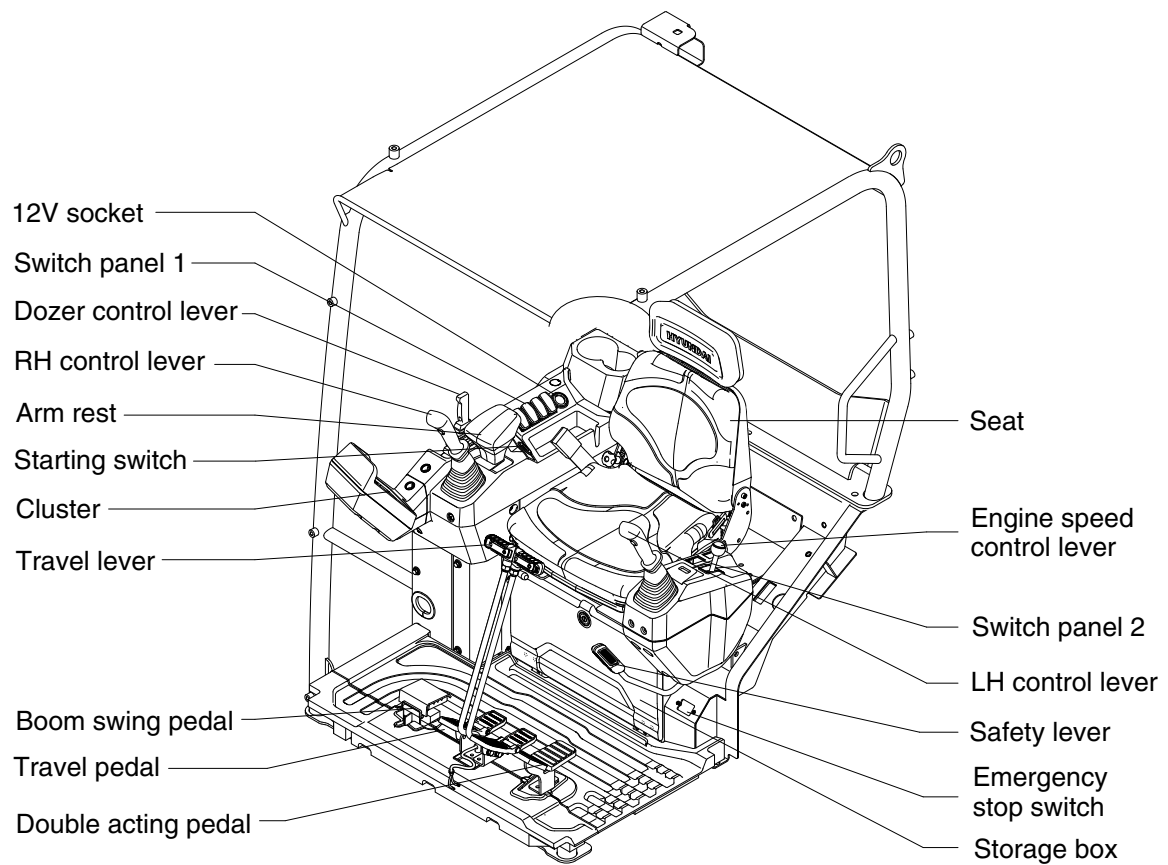
- (1) The centralized electronic monitor system allows the status and conditions of the machine to be monitored at a glance.
- (2) It is equipped with a safety warning system for early detection of machine malfunction.

■ CAB TYPE



19A3CD01

■ CANOPY TYPE



19A3CD02

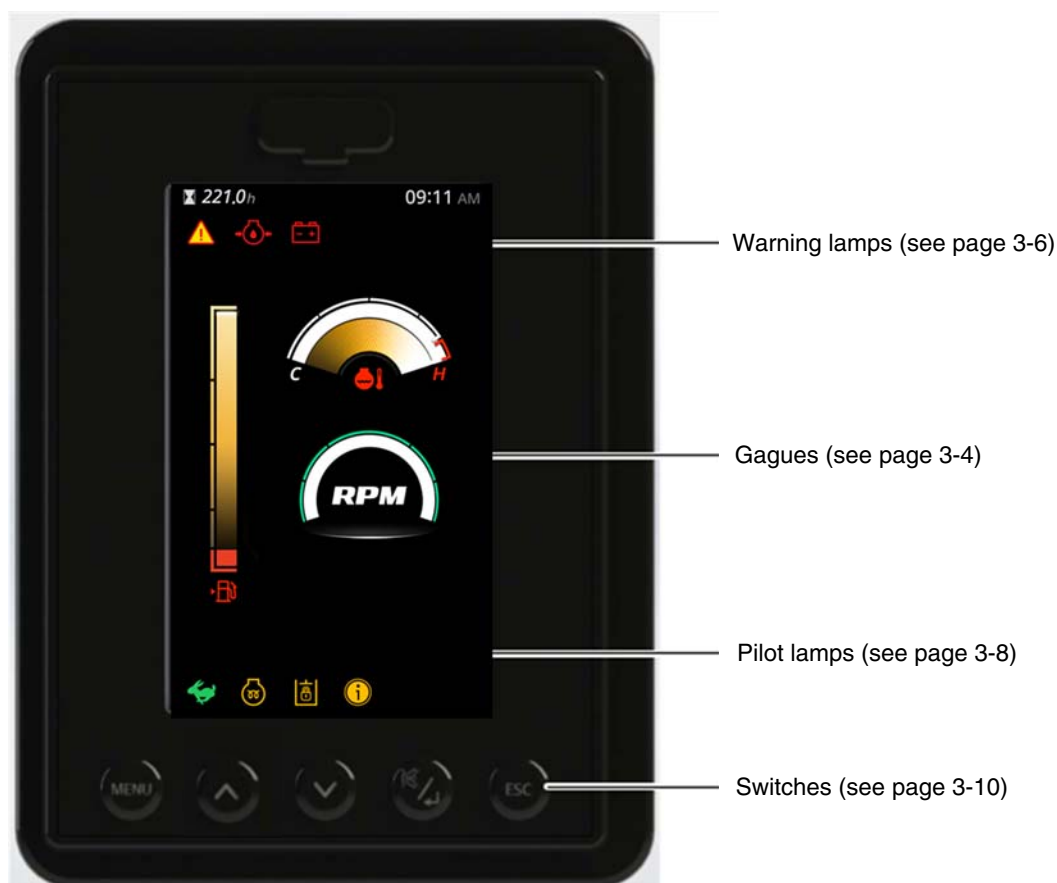
2. CLUSTER

1) STRUCTURE

The cluster consists of LCD and switches as shown below. The LCD is to warn the operator in case of abnormal machine operation or conditions for the appropriate operation and inspection.

The LCD is to display for monitoring, manage and display set with the switches.

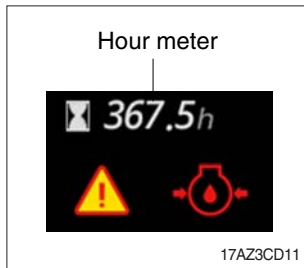
- ※ The cluster installed on this machine does not entirely guarantee the condition of the machine. Daily inspection should be performed according to chapter 6, Maintenance.
- ※ When the cluster provides a warning, immediately check the problem and perform the required action.



19A3CD10

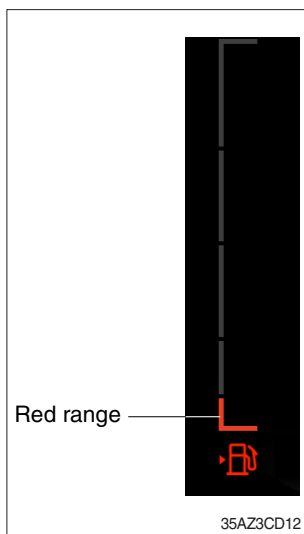
2) GAUGES AND DISPLAYS



(1) Hour meter



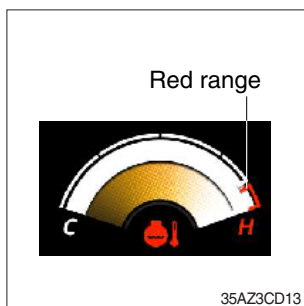
- ① This meter shows the total operation hours of the machine.
- ② Always ensure the operating condition of the meter during the machine operation.
Inspect and service the machine based on hours as indicated in chapter 6, maintenance.



(2) Fuel gauge



- ① This gauge indicates the amount of fuel in the fuel tank.
- ② Fill the fuel when in the red range or warning lamp  ON.
- ※ If the gauge illuminates the red range or warning lamp  ON even though the machine is in the normal condition range, check the electric device as this can be caused by poor connection of sensor.

(3) Engine coolant temperature gauge



- ① This indicates the temperature of coolant.
 - Red range : Above 105°C (221°F)
- ② When the red range pointed or warning lamp  ON, engine do not abruptly stop but run it at medium speed to allow it to cool gradually, then stop it.
Check the radiator and engine.
- ※ If the engine is stopped without cooled down running, the temperature of engine parts will rise suddenly, this could cause severe engine trouble.
- ※ If the gauge indicates the red range or warning lamp  ON in red even though the machine is in the normal condition range, check the electric device as this can be caused by poor connection of sensor.

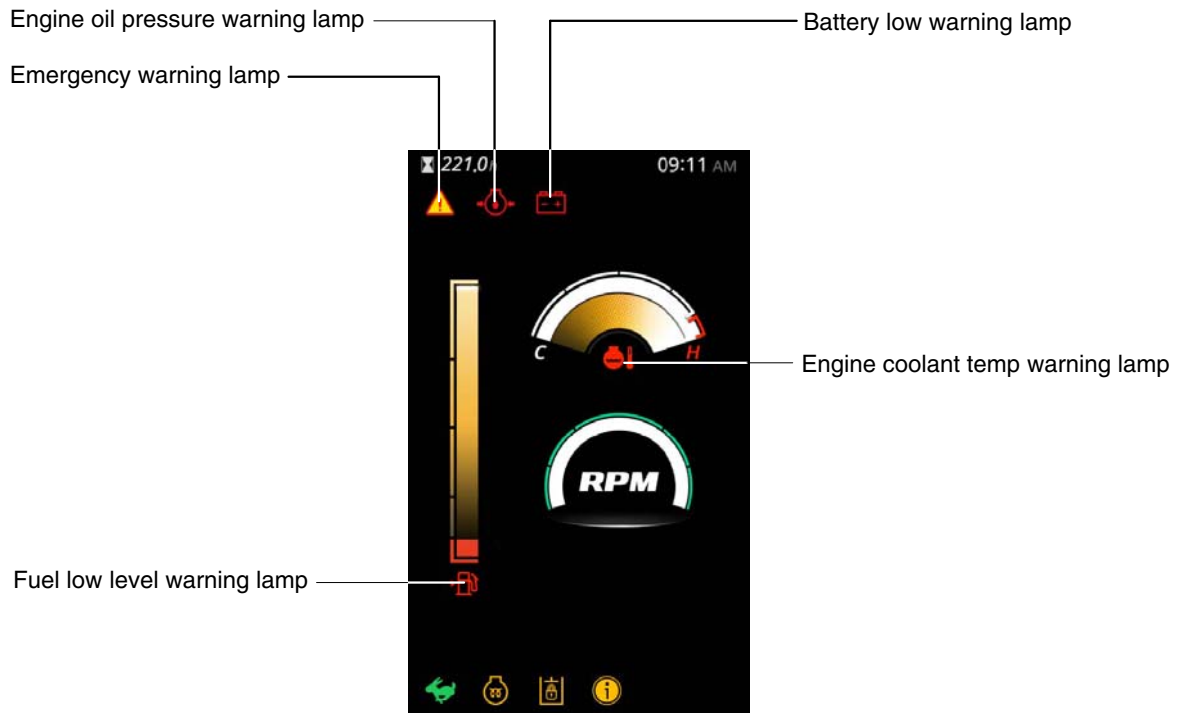
(4) Engine rpm gauge



17AZ3CD15

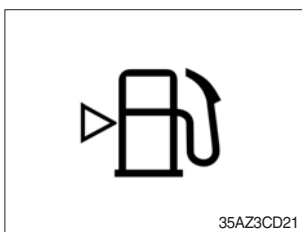
① This gauge indicates the engine speed.

3) WARNING LAMPS



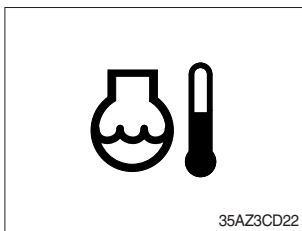
17AZ3CD20

(1) Fuel low level warning lamp



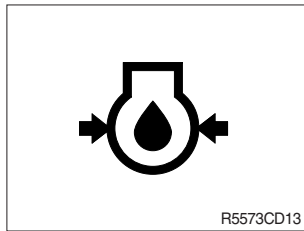
- ① This lamp lights up and buzzer sounds when the level of fuel is below 8.0 ℓ (2.1 U.S. gal).
- ② Fill the fuel immediately when the lamp ON.

(2) Engine coolant temperature warning lamp



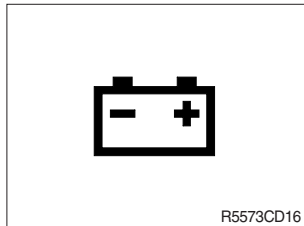
- ① This lamp lights up and buzzer sounds when the temperature of coolant is over the normal temperature 105°C (221°F).
- ② Check the cooling system when the lamp ON.

(3) Engine oil pressure low warning lamp



- ① This lamp lights up and buzzer sounds after starting the engine because of the low oil pressure.
- ② If the lamp ON during engine operation, shut OFF engine immediately. Check oil level.

(4) Battery low warning lamp



- ① This lamp lights up and buzzer sounds when the starting switch is ON, it is turned OFF after starting the engine.
- ② Check the battery charging circuit when this lamp does not turn off, or turns on or blinks during engine operation.

(5) Emergency warning lamp





- ① This lamp pops up and the buzzer sounds when each of the below warnings occurs.
 - Engine coolant temperature high warning lamp ON
- ※ **The pop-up warning lamp moves to the original position and lights up when the buzzer stop switch is pushed or pop-up is touched. The buzzer will stop. This is same as following warning lamps.**
- ② When this warning lamp lights up, machine must be checked and serviced immediately.

4) PILOT LAMP

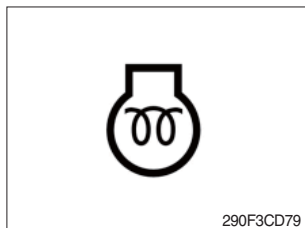


17AZ3CD30

(1) Travel mode pilot lamp

No	Mode	Pilot lamp	Selected mode
1	Travel mode	 	Low speed traveling High speed traveling

(2) Preheat pilot lamp



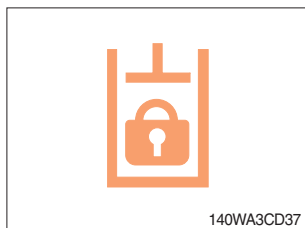
- ① Turning the start key switch to the ON position starts preheating in cold weather.
- ② Start the engine after this lamp goes OFF.
- ※ **Refer to page 4-4 for details.**

(3) Maintenance pilot lamp



- ① This lamp lights up when consumable parts are in need of replacement. It means that the change or replacement interval of parts is 30 hours from the required change interval.
- ② Check the message in maintenance information of main menu. Also, this lamp lights up for 3 minutes when the start switch is switched to the ON position.

(4) Manual safety lock pilot lamp



- ① This lamp lights up when the safety lever is set to the LOCK position.
- ※ **Refer to page 3-29 for the safety lever.**

5) SWITCHES

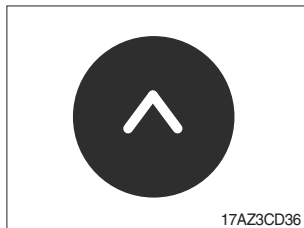
Sound short beep when each button is pressed.

(1) Menu button



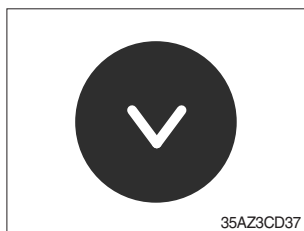
- ① Go into the menu screen.
- ※ Please refer to page 3-11.

(2) Left/up/(+) button



- ① Move left in sub menu.
- ② Move up in menu list
- ③ Increase input value in menu

(3) Right/down/(-) button



- ① Move right in sub menu.
- ② Move down in menu list
- ③ Decrease input value in menu

(4) Enter and buzzer stop button



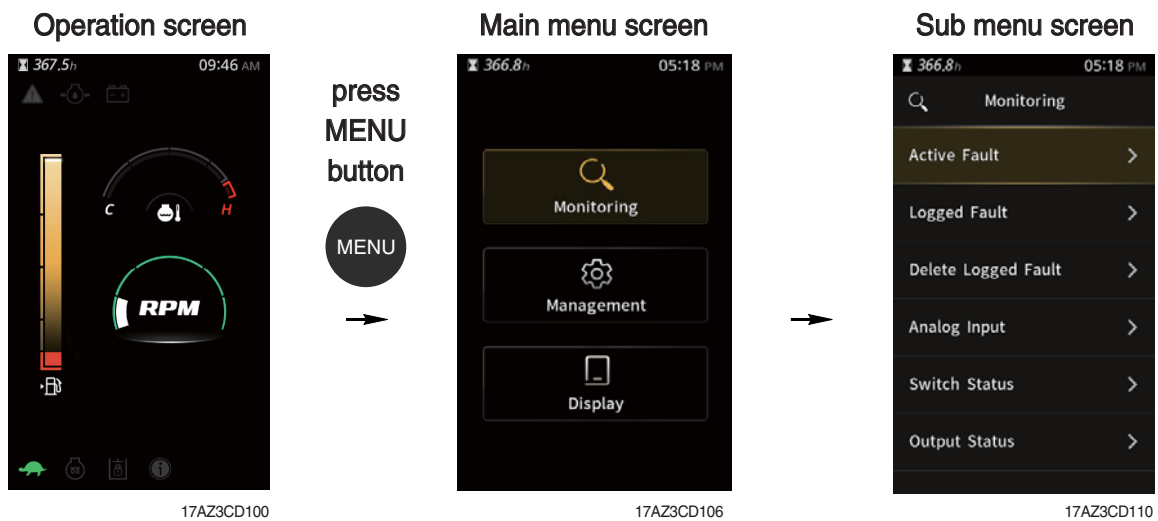
- ① Select menu (enter).
- ② Stop buzzer sound when press this button immediately.

(5) ESC





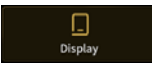
- ① Escape in the menu.

6) MAIN MENU



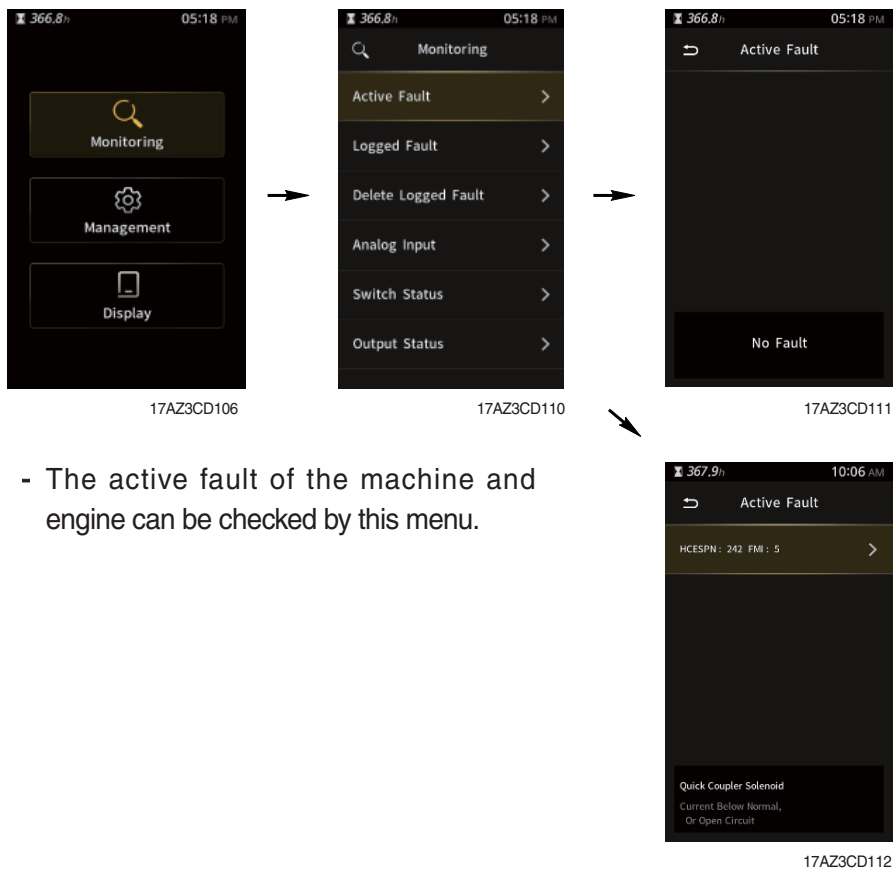
- ※ Please refer to the switches, page 3-10 for selection and change of menus and input values.
- ※ In the operation screen, press the menu button to access the sub-menu screen.

(1) Structure

No	Main menu	Sub menu	Description
1	 Monitoring 17AZ3CD103	Active fault Logged fault Delete logged fault Analog input Switch status Output status	Active fault Logged fault Delete logged fault Coolant temp., Battery volt, Engine speed Safety lever, Quick coupler 1, Quick coupler 2, Travel speed Quick coupler solenoid, Start limit relay, Buzzer
2	 Manage 35AZ3CD104	Operating hours Maintenance ESL mode Change password Machine information A/S phone number	A day's operating hours Elapse, Interval, Replacement etc. Disabled, Enable (Always), Enable (Interval) Change password Machine, Engine, Cluster A/S phone number, A/S phone number change
3	 Display set 17AZ3CD105	Clock adjust Brightness Unit Language	12 hours, 24 hours Manual, Auto Temperature Korean, English, Turkish, etc (total 12 languages)

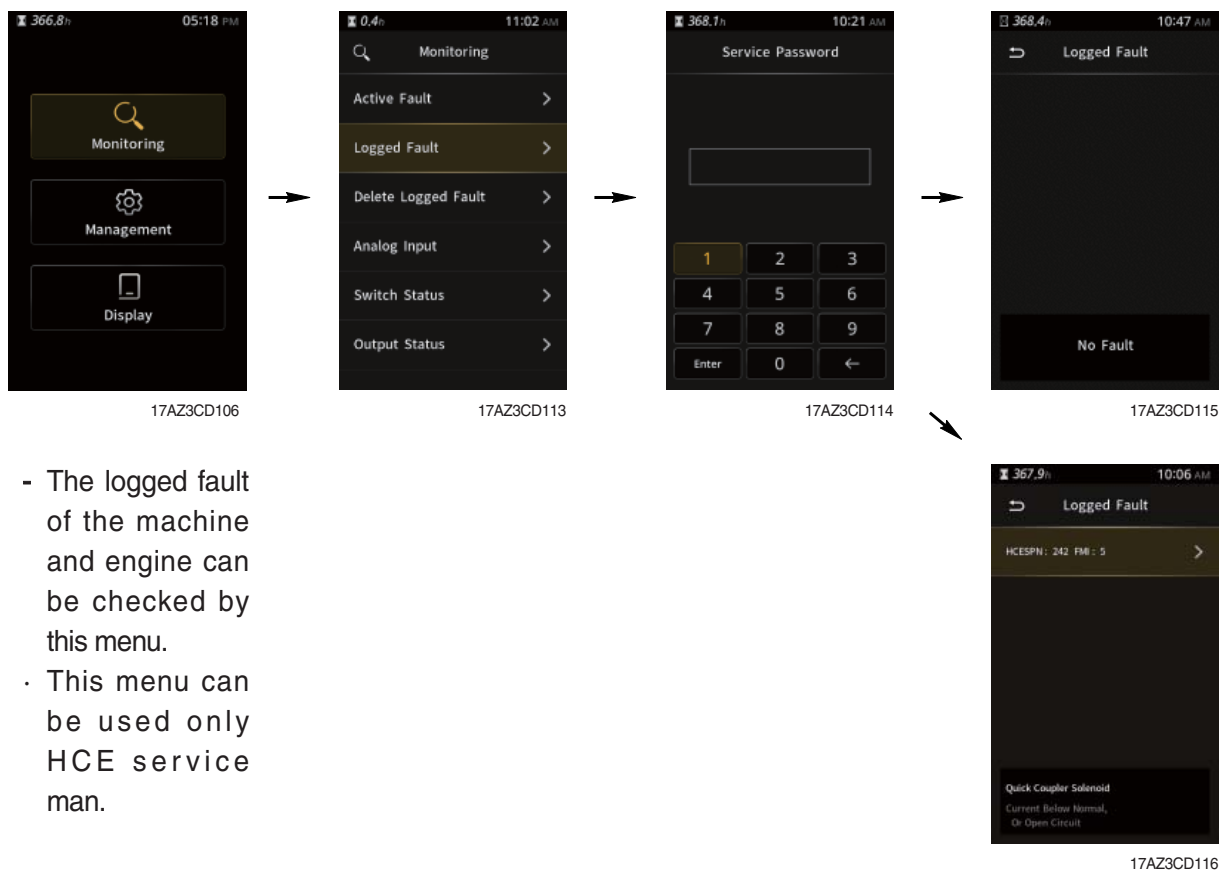
(2) Monitoring

① Active fault

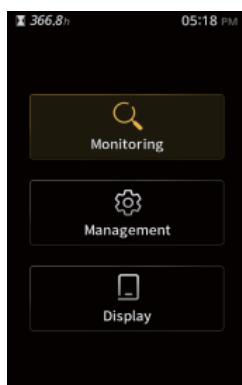


- The active fault of the machine and engine can be checked by this menu.

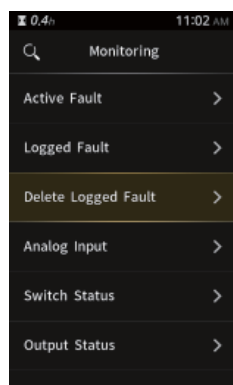
② Logged fault



③ Delete logged fault



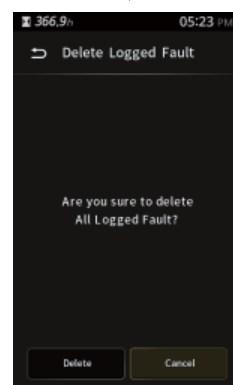
17AZ3CD106



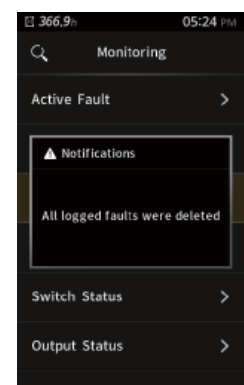
17AZ3CD117



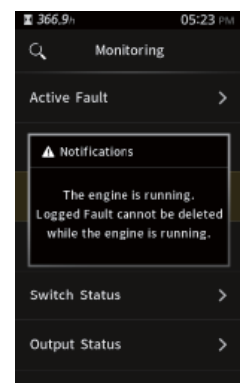
17AZ3CD118



17AZ3CD119



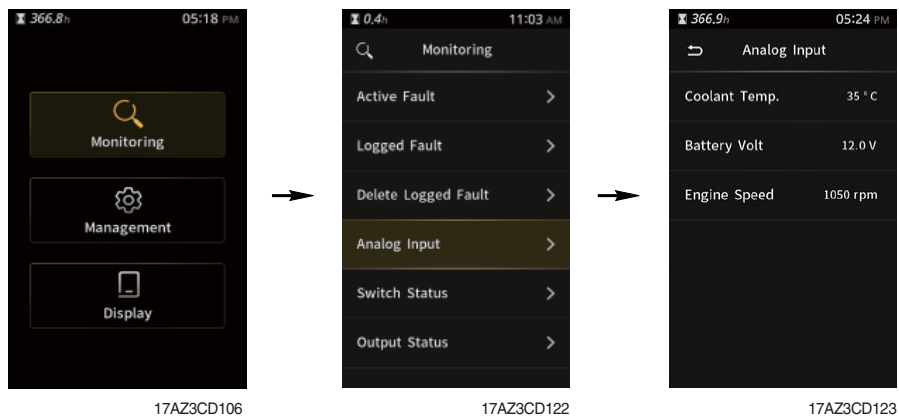
17AZ3CD120



17AZ3CD121

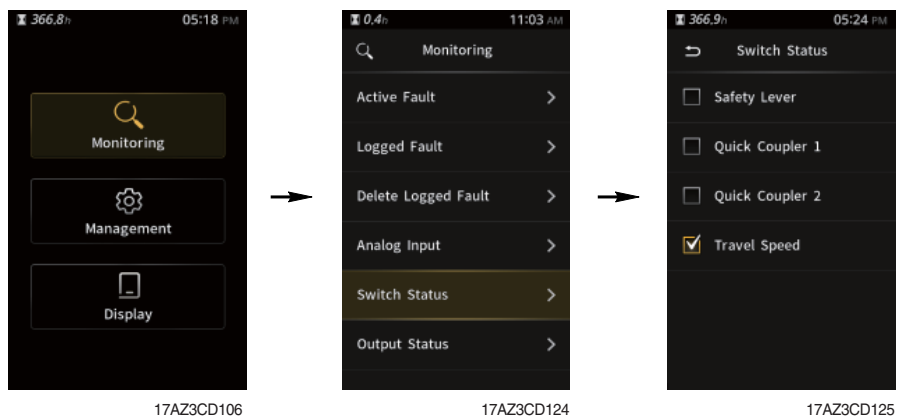
- The logged fault of the machine and engine can be deleted by this menu.
(It is possible under the engine stop conditions)

④ Analog input



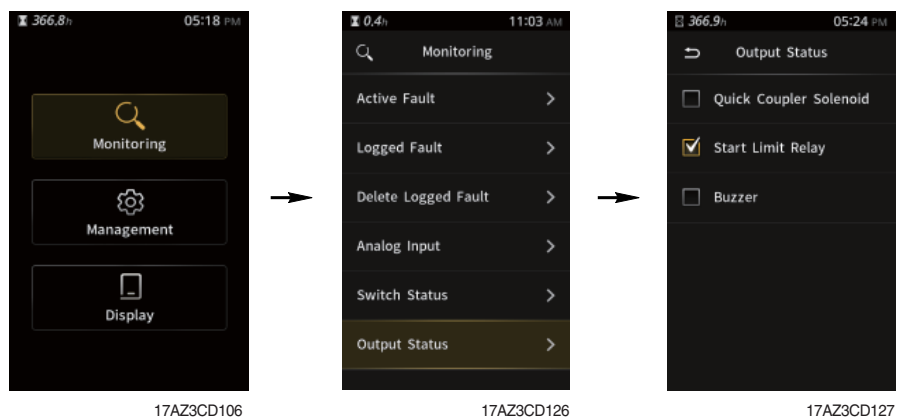
- The machine status such as the engine speed, coolant temperature, battery voltage can be checked by this menu.

⑤ Switch status



- The switch input status can be checked by this menu.

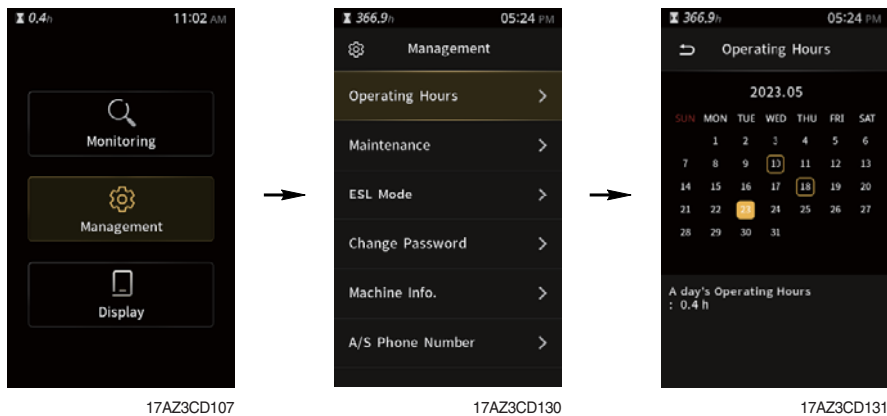
⑥ Output status



- The output status can be confirmed by this menu.

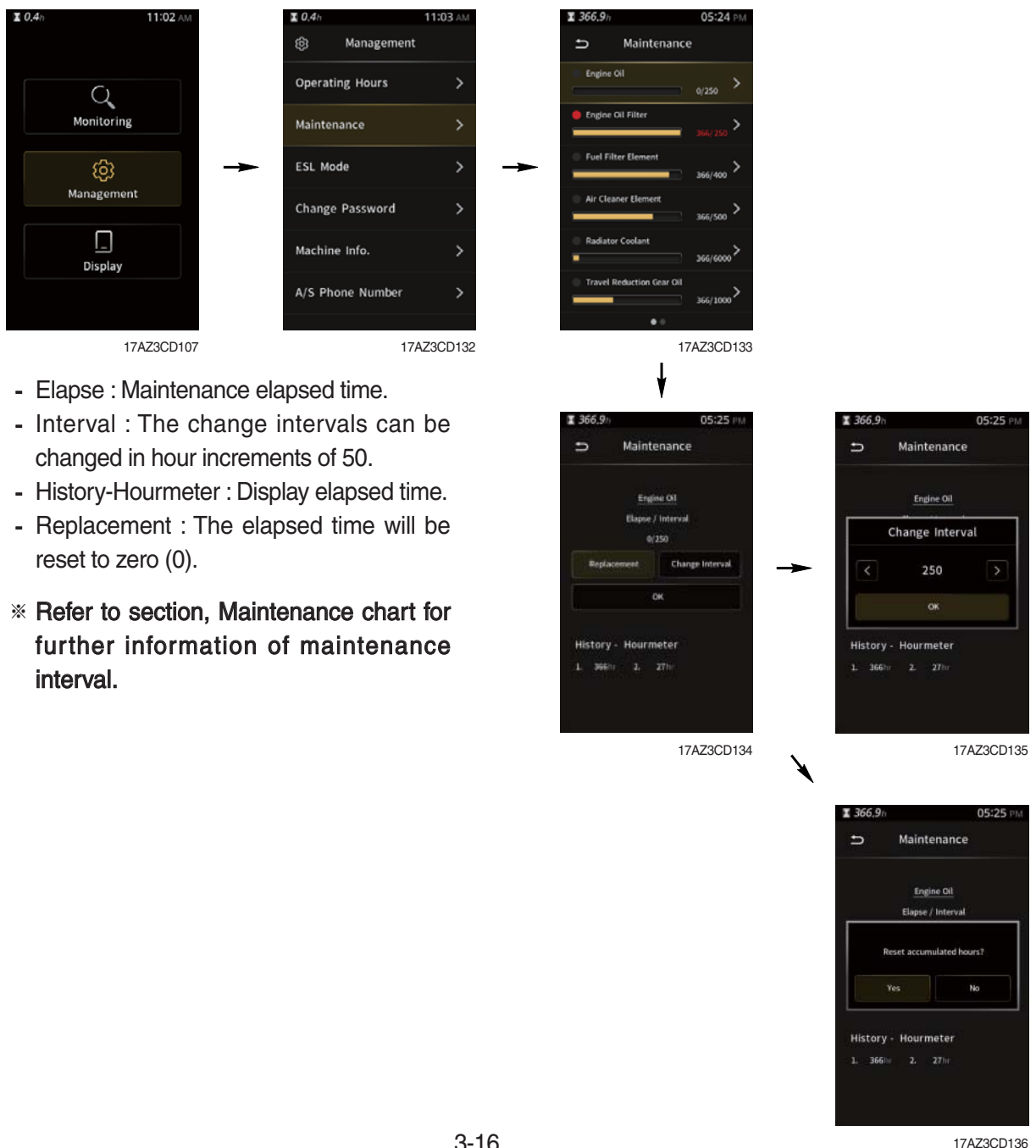
(3) Manage

① Operating hours



- You can check the operating hours by this menu.

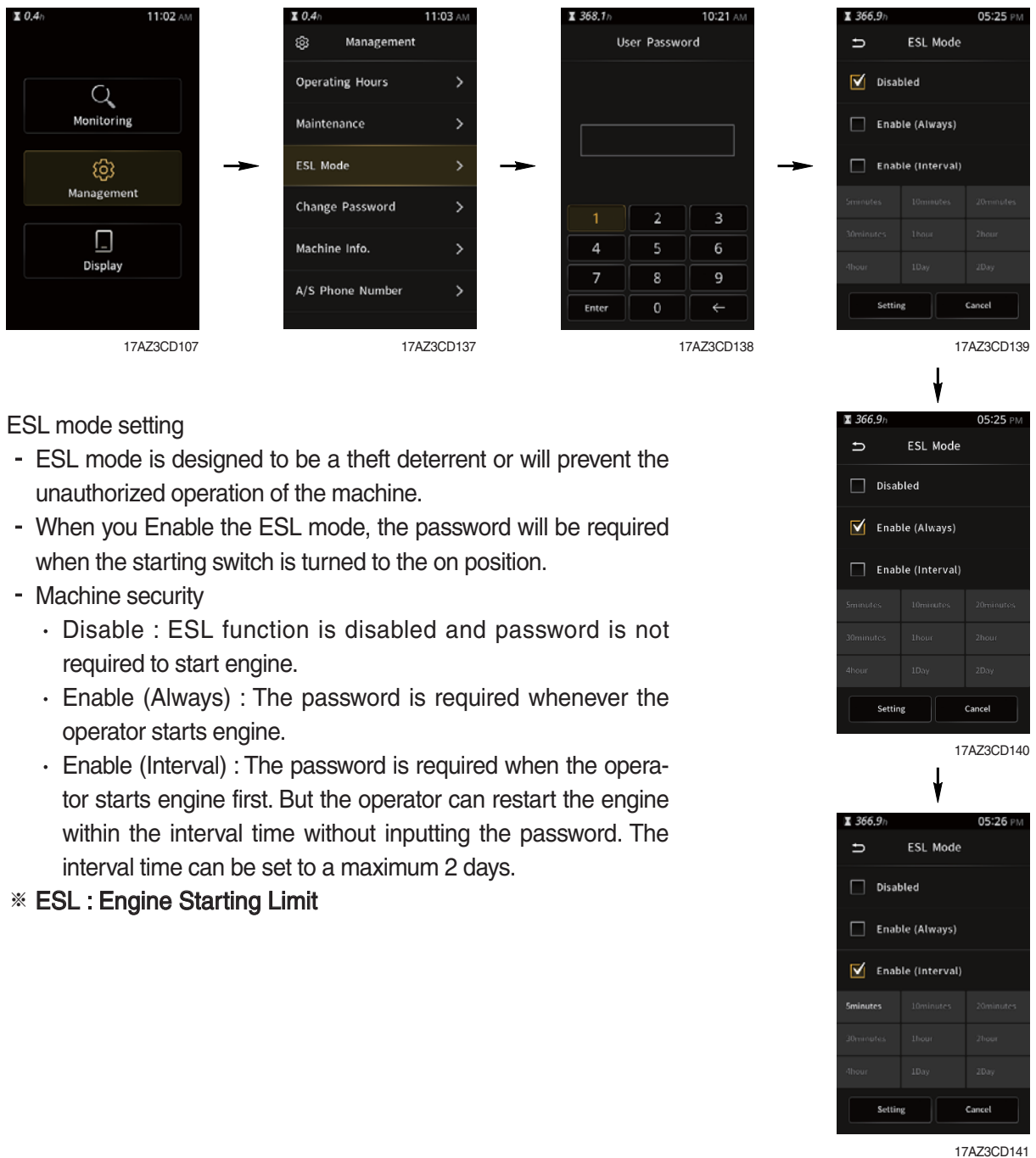
② Maintenance



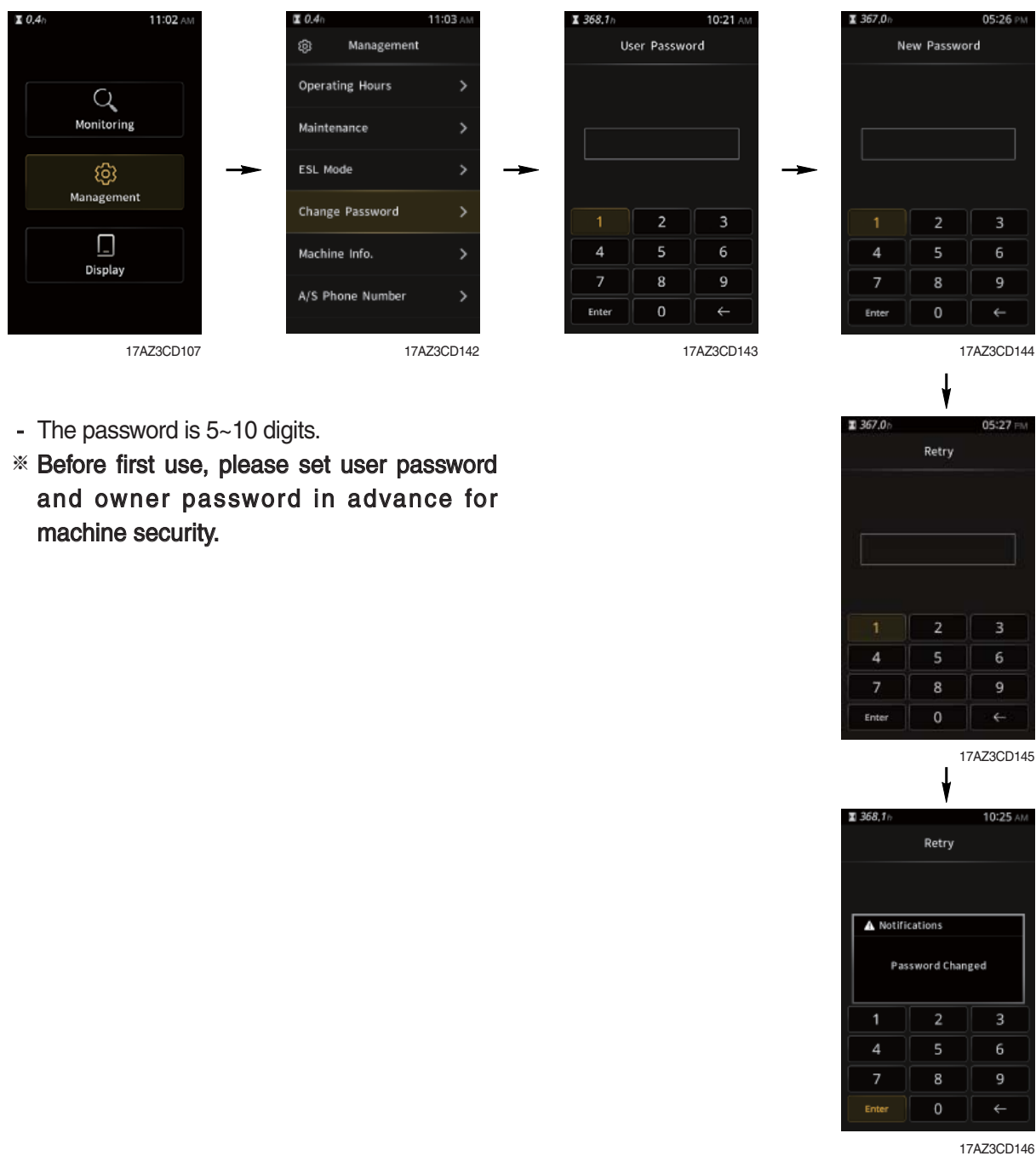
- Elapse : Maintenance elapsed time.
- Interval : The change intervals can be changed in hour increments of 50.
- History-Hourmeter : Display elapsed time.
- Replacement : The elapsed time will be reset to zero (0).

※ Refer to section, Maintenance chart for further information of maintenance interval.

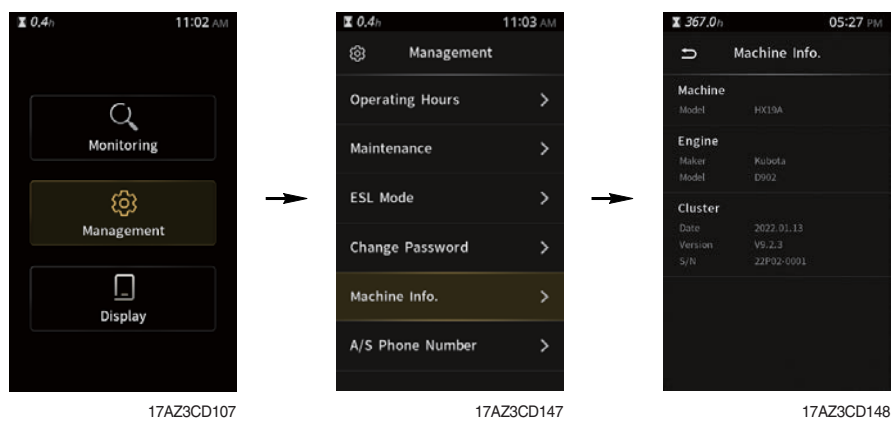
③ ESL mode



④ Change password

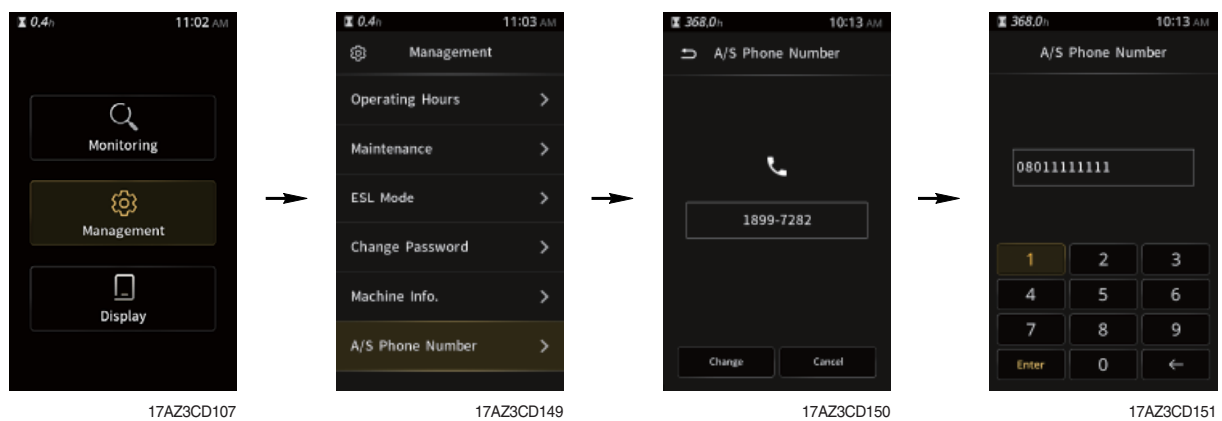


⑤ Machine information



- This can confirm the identification of the machine, engine and cluster.

⑥ A/S phone number



- The A/S phone number can be checked and changed.

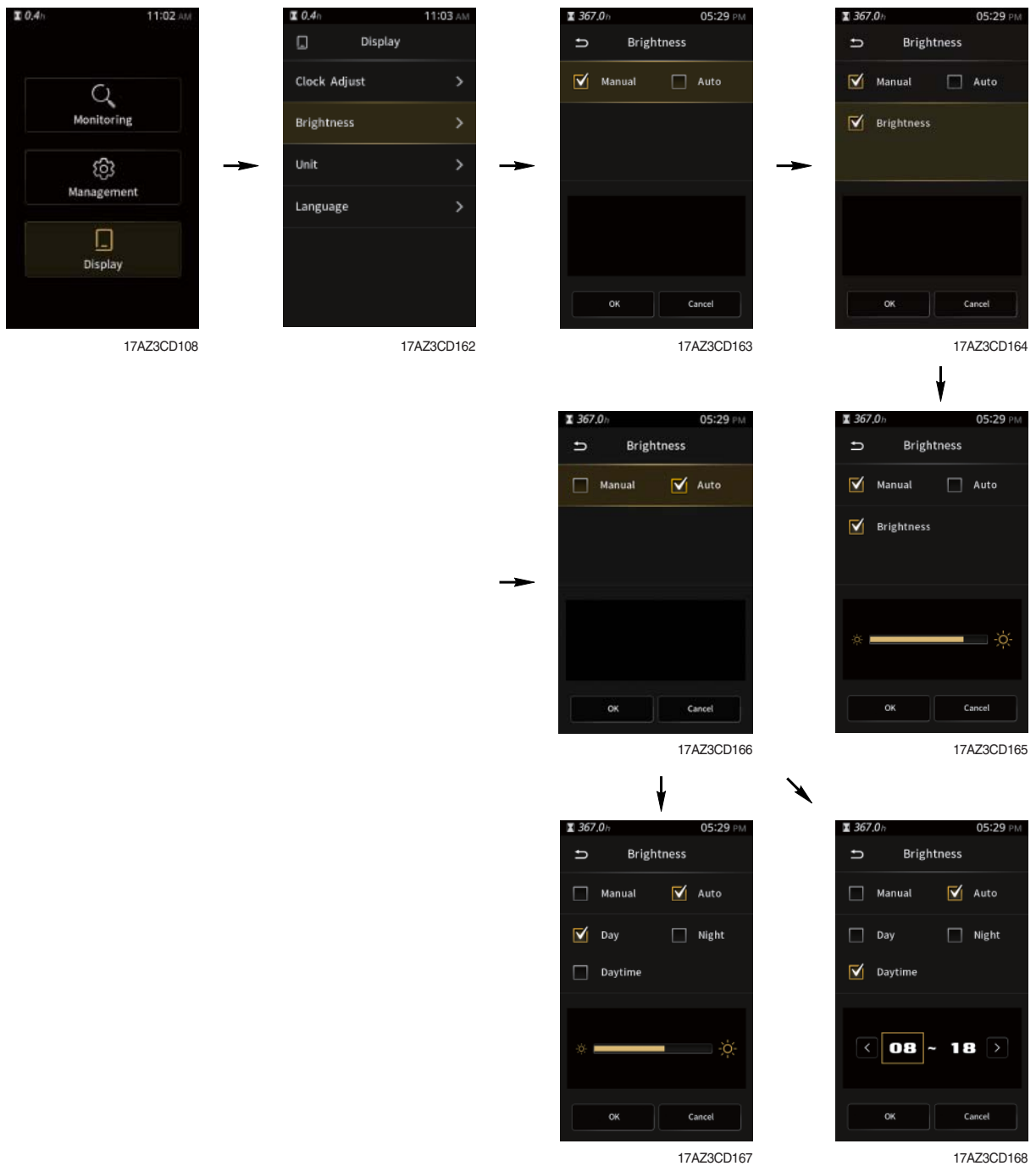
(4) Display set

① Clock adjust



- Set the time (12 hours or 24 hours)

② Brightness



- Manual : Manual setting for LCD brightness.
- Automatic : Automatic control of LCD brightness as set level of Day/Night.
- Setting day time : Set the time for daylight.
(in figure, black area represents night time while orange shows day time)

③ Unit



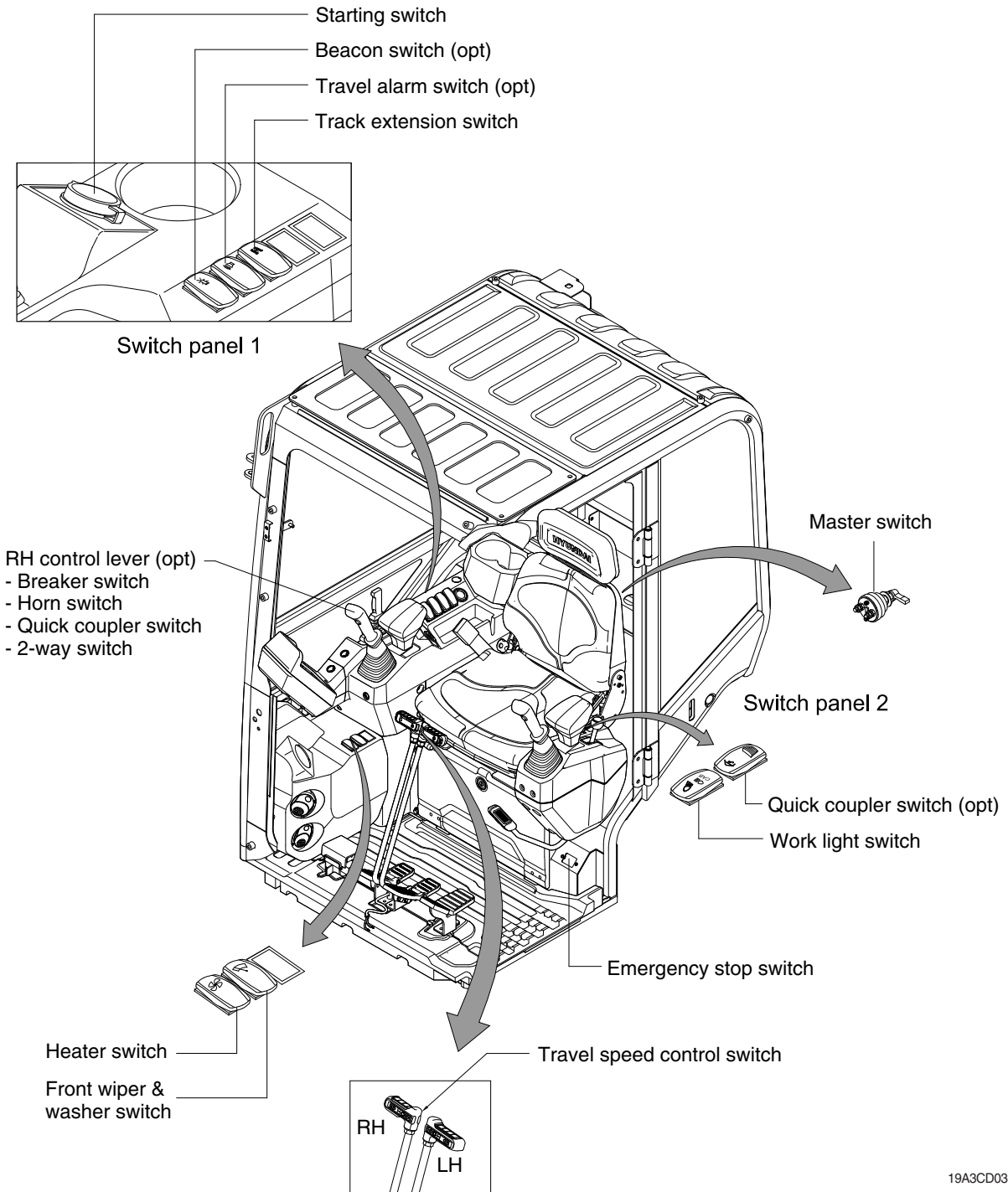
- Temperature : °C ↔ °F

④ Language

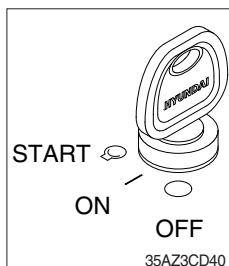


- User can select preferable language and all displays are changed to the selected language (한국어, English, Turkish, etc ; total 12 languages).

3. SWITCHES



1) STARTING SWITCH

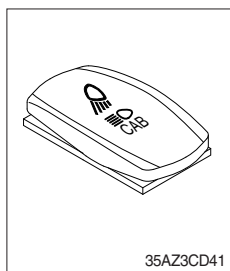


(1) There are three positions, OFF, ON and START.

- (OFF) : None of electrical circuits activate.
- | (ON) : All the systems of machine operate.
- (START) : Use when starting the engine. Release key immediately after starting.

※ Key must be in the ON position with engine running to maintain electrical and hydraulic function and prevent serious machine damage.

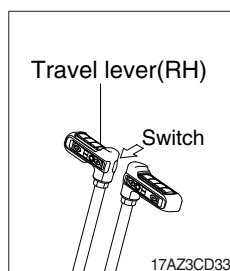
2) WORK LIGHT SWITCH



(1) This switch use to operates the switch illumination lamp and work light by two step.

- First step : Light switch illumination lamp comes ON.
- Second step : Work light comes ON.

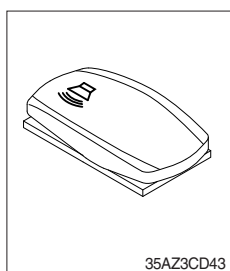
3) TRAVEL SPEED CONTROL SWITCH



(1) This switch is to control the travel speed which is changed to high speed by pressing the switch and low speed by pressing it again.

(2) The travel speed pilot lamp lights ON on the cluster.

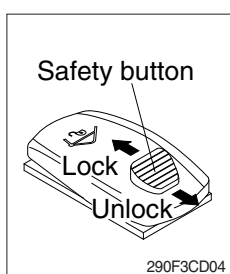
4) TRAVEL ALARM SWITCH (option)



(1) This switch is the signal to alarm surroundings when the machine travels to forward and backward.

(2) On pressing this switch, the alarm operates only when the machine is traveling.

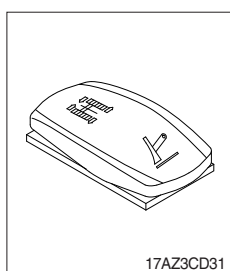
5) QUICK COUPLER SWITCH (option)



(1) This switch is used to engage or disengage the moving hook on quick coupler.

※ Refer to the page 8-6 for details.

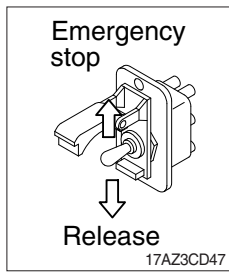
6) TRACK EXTENSION SWITCH



(1) This switch is used to select the track operation.

※ Refer to the page for 3-30 details.

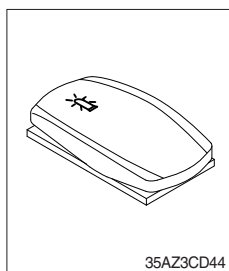
7) EMERGENCY STOP SWITCH



- (1) This switch is used to emergency stop the engine.
- (2) When the users control the emergency switch, the switch should not be maintained on "EMERGENCY STOP" position more than 10 seconds in order to avoid its failure.
- (3) The users remind that it should be turned back to original "RELEASE" position within 10 seconds.

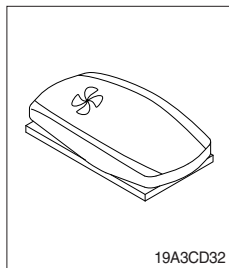
※ **Be sure to keep the emergency switch on the release position when restart the engine.**

8) BEACON SWITCH (option)



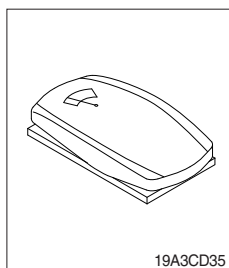
- (1) This switch turns ON the rotary light on the cab.
- (2) The below indicator lamp is turned ON when operation this switch.

9) HEATER SWITCH



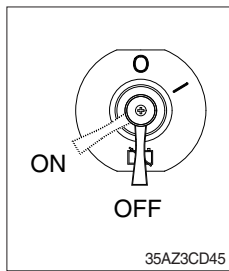
- (1) This switch use to operates the heater by two step.
 - First step : Low fan speed
 - Second step : High fan speed

10) WIPER AND WASHER SWITCH



- (1) The switch use to operates the wiper and washer by two step.
 - First step : The wiper operates.
 - Second step : The washer liquid is sprayed and the wiper is operated only while pressing. If release the switch, return to the first step position.

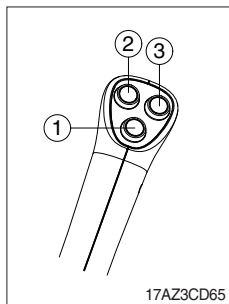
11) MASTER SWITCH



- (1) This switch is used to shut off the entire electrical system.
- I : The battery remains connected to the electrical system.
 - O : The battery is disconnected to the electrical system.
- ※ **Never turn the master switch to O (OFF) with the engine running.**
It could result in engine and electrical system damage.

12) LH RCV LEVER SWITCH

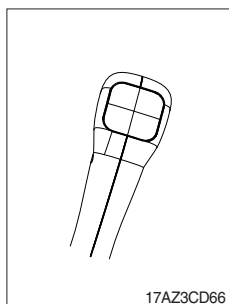
(1) Without proportional type



The switches on the LH RCV lever are function as below.

- ① None
- ② None
- ③ None

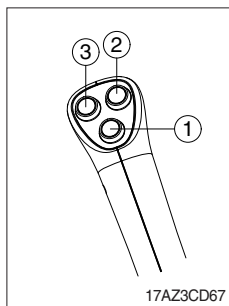
(2) With proportional type (option)



There is no switch on the LH RCV lever.

13) RH RCV LEVER SWITCH

(1) Without proportional type



The switches on the RH RCV lever are function as below.

① **Horn switch**

When this switch is pressed, the horn will sound.

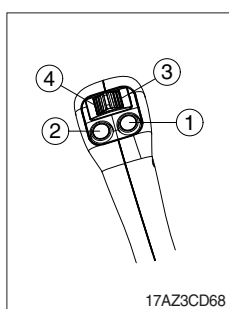
② **None**

③ **Quick coupler switch**

This switch is used to engage or disengage the moving hook on quick coupler.

※ **Refer to page 8-10.**

(2) With proportional type (option)



The switches on the RH RCV lever are function as below.

① **Horn switch**

When this switch is pressed, the horn will sound.

② **Quick coupler switch**

This switch is used to engage or disengage the moving hook on quick coupler.

※ **Refer to page 8-10.**

③ **Breaker switch (One way flow)**

When this switch is pressed, the breaker will only operate when the breaker operation mode is selected.

※ **Refer to page 4-27.**

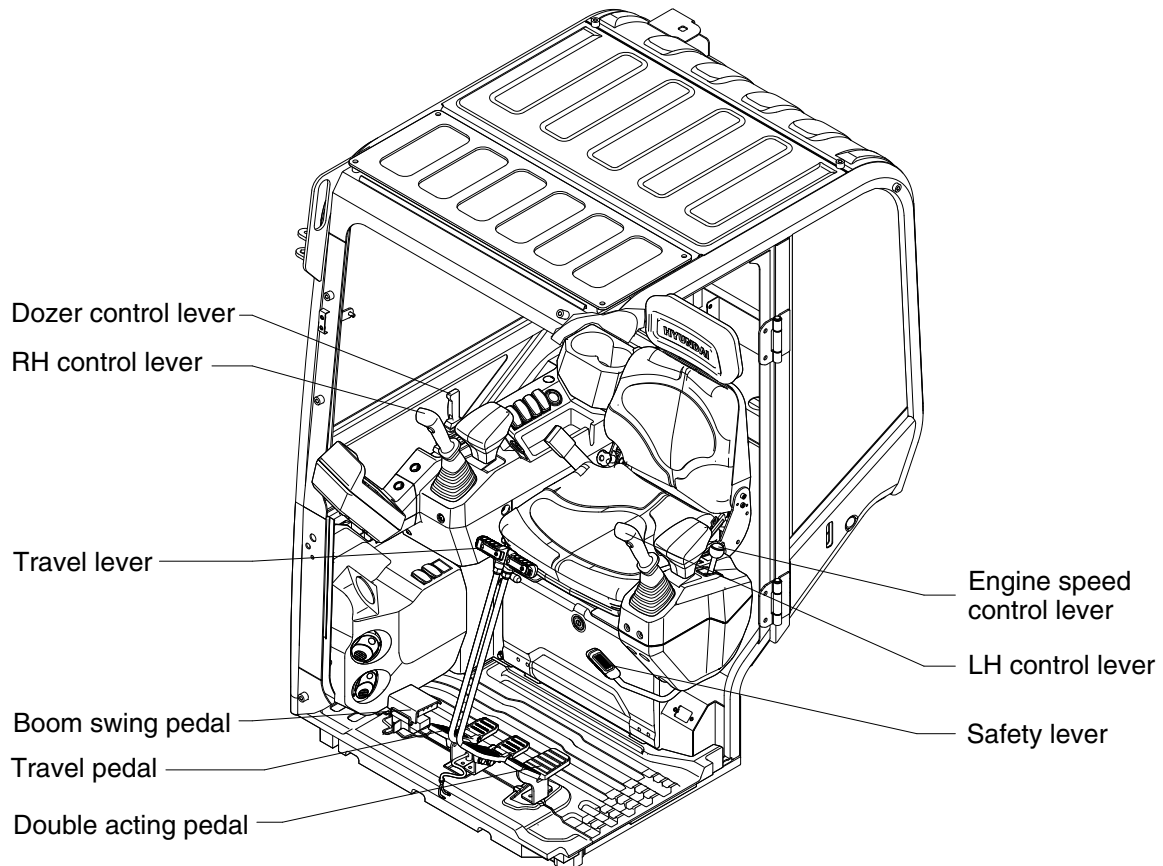
④ **2-way release switch (Two way flow)**

This switch is used to release for the shear.

④ **2-way clamp switch (Two way flow)**

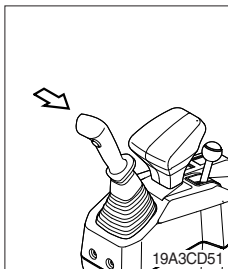
This switch is used to clamp for the shear.

4. LEVERS AND PEDALS



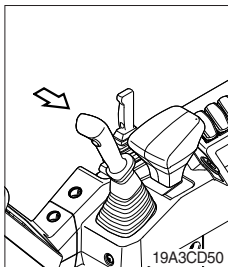
19A3CD05

1) LH CONTROL LEVER



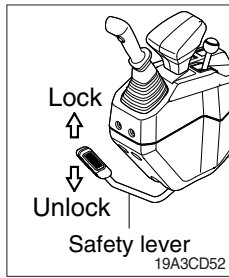
- (1) This joystick is used to control the swing and the arm.
- (2) Refer to operation of working device in chapter 4 for details.

2) RH CONTROL LEVER



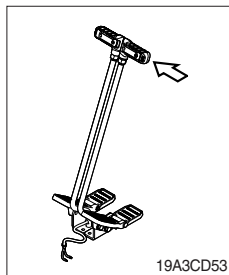
- (1) This joystick is used to control the boom and the bucket.
 - (2) Refer to operation of working device in chapter 4 for details.
 - (3) The breaker switch, horn switch, quick coupler switch and 2-way switch are installed on the control lever.
- ※ Refer to page 3-27 for details of the switch function.

3) SAFETY LEVER



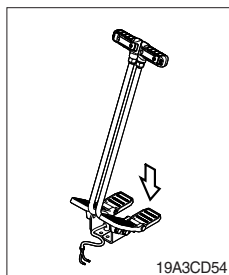
- (1) All control levers are disabled from operation by locating the lever to lock position as shown.
 - ※ **Be sure to raise the lever to LOCK position when leaving from operator's seat.**
- (2) By pushing lever to UNLOCK position, machine is operational.
 - ※ **Do not use the safety lever for handle when getting on or off the machine.**

4) TRAVEL LEVER



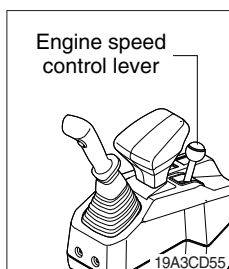
- (1) This lever is used to move the machine forward or backward.
- (2) If left side lever is pushed or pulled, left track will move.
If right side lever is pushed or pulled, right track will move.
- (3) Refer to traveling of machine in chapter 4 for details.

5) TRAVEL PEDAL



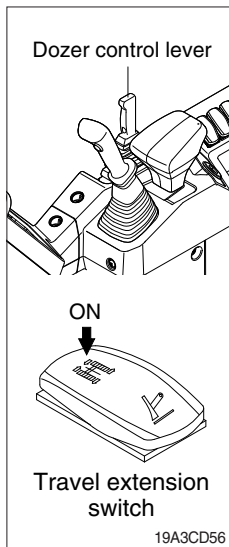
- (1) This pedal is used to move the machine forward or backward.
- (2) If left side pedal is pressed, left track will move.
If right side pedal is pressed, right track will move.
- (3) Refer to traveling of machine in chapter 4 for details.

6) ENGINE SPEED CONTROL LEVER



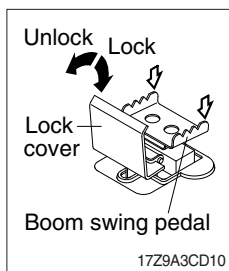
- (1) This lever is used to increase or decrease the rotation speed of engine.
- (2) Move the lever backward to increase engine RPM. Move the lever forward to decrease engine RPM.
- (3) When stopping the engine, move the engine speed control lever forward completely and turn key OFF.

7) DOZER CONTROL LEVER



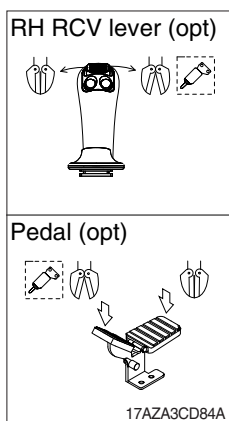
- (1) This lever is used to operate the dozer blade or crawler.
 - (2) Travel extension switch : OFF
The lever is pushed forward, the dozer blade will be going down.
The lever is pulled back, the dozer blade will be going up.
 - (3) Travel extension switch : ON
The lever is pushed forward, the track extend out the maximum length.
The lever is pulled back, the track retract to the minimum one.
- ※ Refer to the page 3-24 for the travel extension switch.

8) BOOM SWING PEDAL



- (1) This pedal is used to swing the boom to the right or left direction.
- (2) Move the lock cover to unlock position by foot.
- (3) The pedal is pressed to left side, boom will swing to the left direction.
The pedal is pressed to right side, boom will swing to the right direction.

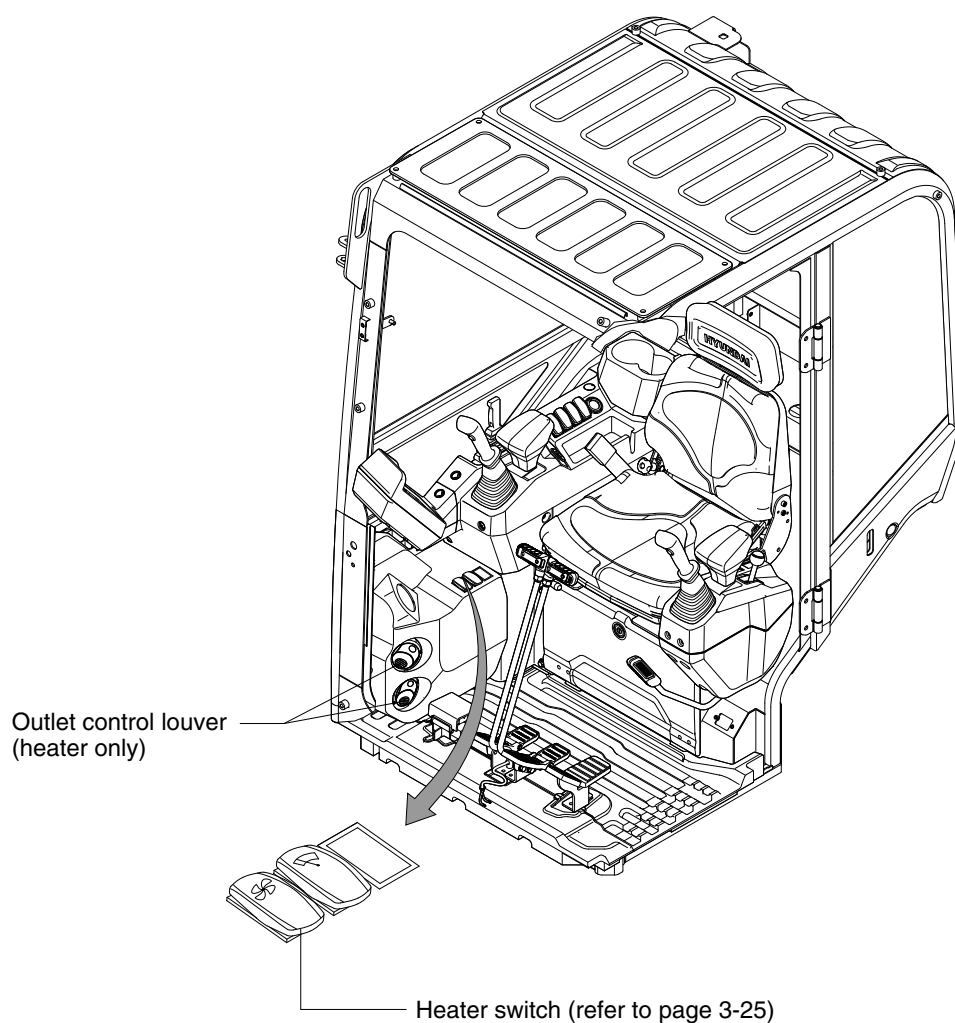
9) DOUBLE ACTING SWITCH AND PEDAL (option)



- (1) This switch or pedal is used to operate the breaker or shear if equipped.
- ※ This switch applies to single or double action hydraulic attachment circuit.
- ※ This pedal applies to single or double action hydraulic attachment circuit.
- ※ Refer to page 4-27.

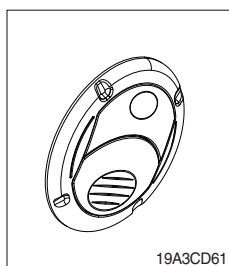
5. HEATER

Heater is equipped for pleasant operation against outside temperature.



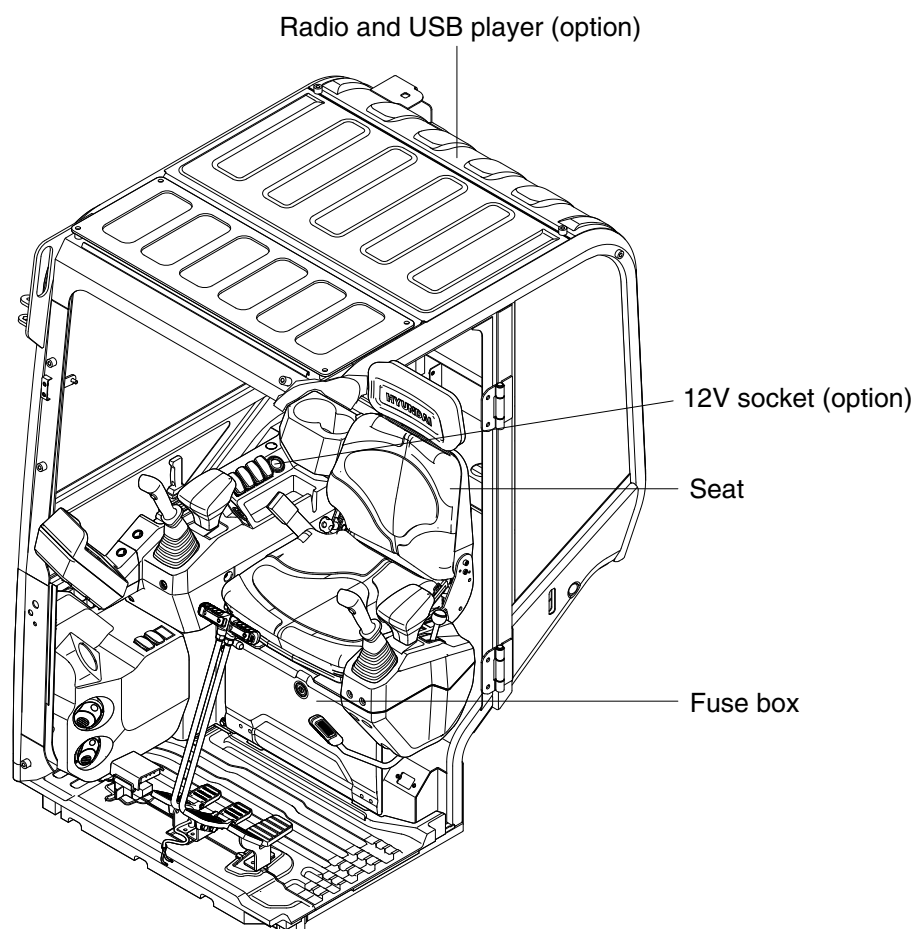
19A3CD06

1) OUTLET CONTROL LOUVER



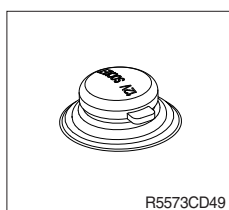
- (1) The direction of air can be controlled.
It can be closed or opened.

6. OTHERS



19A3CD07

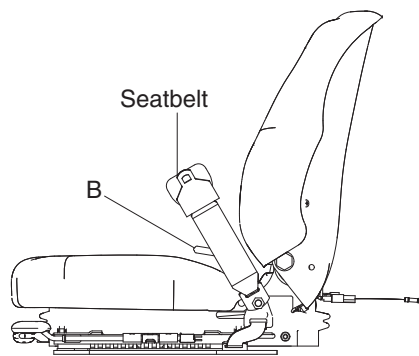
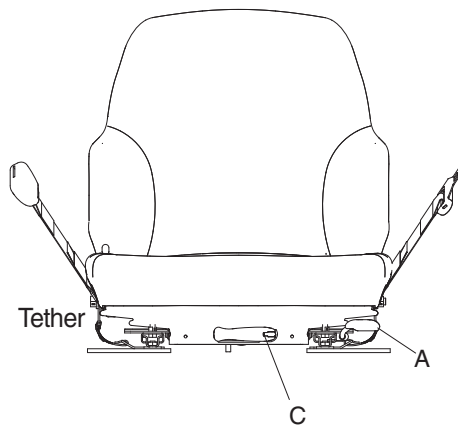
1) 12V SOCKET (option)



(1) Utilize the power of 12V as your need and do not exceed power of 12V, 120W.

2) SEAT

The seat is adjustable to fit the contours of the operator's body. It will reduce operator fatigue due to long work hours and enhance work efficiency.



R27Z93CD16

(1) For/aft adjustment (A)

The seat can be positioned over a range 52 mm, giving you plenty of room to maneuver in every height and work situation.

(2) Seatback angle adjustment (B)

The seatback adjusts over a range of -5° to $+25^{\circ}$ with 18 locking positions, to give your back full support for every job and make sure you feel best.

(3) Weight adjustment (C)

Just sit down, press the smooth-action lever, click, and you're primed for action, with optimum suspension for all operator weights between 45 and 136 kg (99 and 300 lb). Design comfort with driver appeal-it only takes one simple action to adjust the suspension to the ideal sitting position that's best for you and your back.

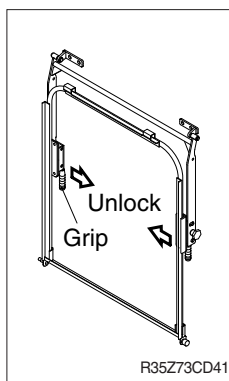
(4) Seatbelt system

The seatbelt provides freedom of movement, yet ensure that you're safety restrained in your seat, even if your vehicle should crash or tip over.

▲ Always check the condition of the seat belt and mounting hardware before operating the machine.

▲ Replace the seat belt at least once every three years, regardless of appearance.

3) UPPER WINDSHIELD



(1) Perform the following procedure in order to open the upper windshield.

① Hold both grips that are located both side of the windshield frame.

② Move grips to inside in order to release the lock latches.

Hold both grips and push the windshield upward.

③ Hold both grips and back into the storage position.

Release both grips carefully until lock latches are into the locking position.

④ Hold both grips and back into the storage position.

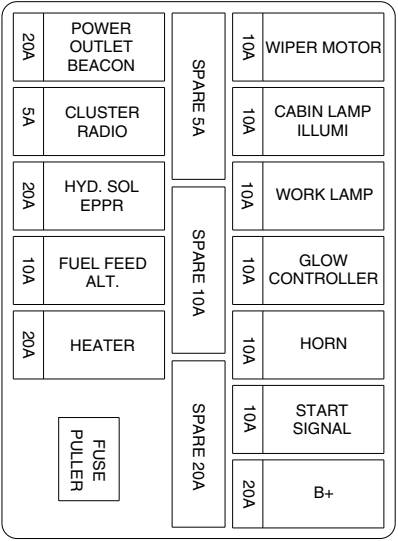
⑤ Release both grips carefully until lock latches are into the locking position.

▲ When working, without having locked the windshield by the auto lock (by pushing the windshield to the rear until it's completely fixed), please be careful as it can cause personal injury if the windshield is not fixed or falls off.

(2) Perform the following procedure in order to close the upper windshield.

Reverse step ① through step ⑤ in order to close the upper windshield.

4) FUSE BOX



19A3CD71

(1) The fuses protect the electrical parts and wiring from burning out.

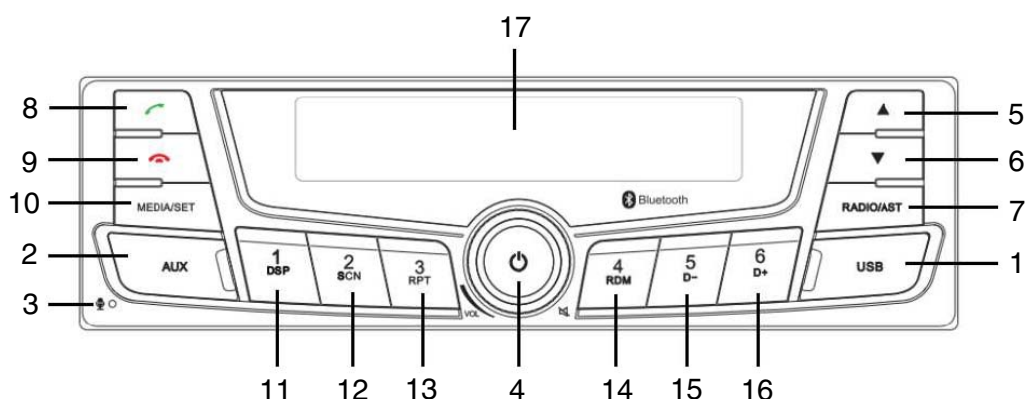
(2) The fuse box cover indicates the capacity of each fuse and circuit it protects.

※ **Replace a fuse with another of the same capacity.**

⚠ **Before replacing a fuse, be sure to turn OFF the starting switch.**

5) RADIO, USB PLAYER, BLUETOOTH AUDIO

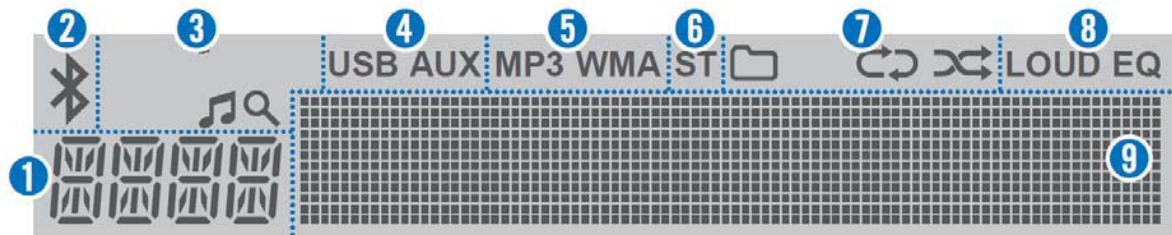
■ FRONT VIEW






19A3RD05

- 1 USB port with cover : Open the cover and connect the USB storage device.
- 2 AUX port with cover : Open the cover and plugging the external audio device.
- 3 Internal Microphone
- 4 Power ON/OFF, Mute and Pause knob.
- 5 Searching for next station, manual step up and next track.
 - *. Short Press :
Radio mode) Search for the next station automatically USB/BT Audio) Next Track
 - *. Long Press :
Radio mode) Step up manually USB/BT Audio) Fast Forward
- 6 Searching for previous station, manual step down and previous song.
 - Short Press :
Radio mode) Search for the previous station automatically USB/BT Audio) Previous song
 - Long Press :
Radio mode) Step down manually USB/BT Audio) Fast rewind
- 7 Radio Button: enters Radio mode, changes the radio band ,and activates Automatic station storage
 - Short Press : Select the Radio band
 - Long Press : AST mode
- 8 Call button :
 - When a call comes in : accepts a call(press) ; switches a call mode (Talking / Private mode)
- 9 Call end button :
 - During a call connection : ends a call (press);
- 10 Media selection or Setup button
 - Short Press : Move back to previous media
 - Long Press : Move to the setting mode
- 11~16 Preset buttons :
 - Radio : Recall each stored station(press); store each station (press and hold).
 - USB/BT AUDIO :
Preset1 : Display folder name / ID3 Information
Preset2 : Scan each track for 10 seconds
Preset3 : Repeat the file and folder
Preset4 : Play folders at random or play all
Preset5 :
• Short Press: Move to previous folder
• Long Press : Play first 10 tracks of current folder
Preset6 :
• Short Press : Move to next folder
• Long Press : Play first 10 tracks of current folder
- 17 Display window for play / reception /menu state and information.

■ DISPLAY WINDOW (LCD)

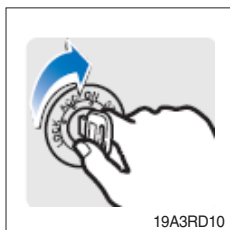


19A3RD03

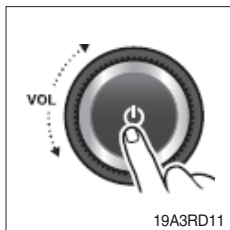
- | | |
|--|--|
| <p>1 Function display area for showing the function mode.</p> <p>2 Bluetooth indicator for the Bluetooth connection.</p> <p>3 Search indicator for USB play list.</p> <p>4 USB/AUX indicators for the USB or External device connection.</p> <p>5 MP3/WMA indicators for USB's Audio Stream detections.</p> <p>6 ST (Stereo) indicators for FM stereo reception.</p> | <p>7 Playback mode indicators for USB playback mode.</p> <p>  : Folder mode.
  : Repeat playback.
  : Random playback. </p> <p>8 LOUD/EQ indicators for sound effect.</p> <p>LOUD : Loudness mode.</p> <p>EQ : EQ mode.</p> <p>9 Multi-function display area for showing the play, reception or menu information.</p> |
|--|--|

■ GENERAL

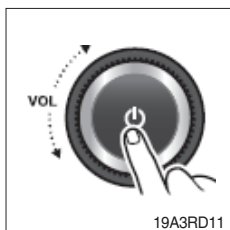
(1) Turning the unit on/off



- ① Turn the starting switch to ON position.

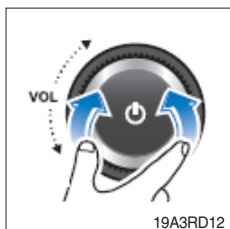


- ② Press the POWER button to turn the power on.
 - If the source is ready, playback also starts.
 - To turn on the power directly.



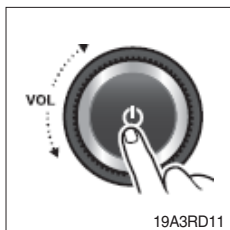
- ③ When power is on, press and hold the POWER button to turn power off.

(2) Adjusting volume directly



- ① Turn the VOLUME dial to control volume.
 - Available volume range: 00 (mute) ~ 30.

(3) Muting the sound quickly



- ① Press the MUTE button to turn mute on.
 - "Mute" will be displayed on the LCD and mute the sound.
 - Press the MUTE button again or turn VOLUME dial to restore sound.

(4) Setting the sound



- ① Press and hold MEDIA/SET button for 2 seconds, then rotate the volume to access the [AUDIO SET] menu

Press the volume knob to access the Audio Settings menu.

Then press the volume knob and the Audio Settings option appears as below.

- BASS : sets the bass sound level (-7 ~ +7).
- TREBLE : sets the treble sound level (-7 ~ +7).
- BALANCE : sets the sound balance between the right and left speakers (LEFT 7 ~ RIGHT 7).
- EQUALIZER : selects the one of the 5 EQ styles (EQ OFF, CLASSIC, POP, ROCK, JAZZ).
- LOUD : Selects the one of the 2 options (ON, OFF)

- ※ If there is no operation after 5 seconds, automatically exit the [Audio Settings] menu.
- ※ The BASS and TREBLE can be adjusted only if the EQ OFF is selected in the sub-menu.
- ※ Press and hold [MEDIA/SET] to enter the settings, and press [VOL] again to return to the Previous Settings item when you press [VOL] to enter the previous one.

(5) Setting the system functions



- ① Press and hold [MEDIA/SET] for 2 seconds, then rotate the volume knob to access the [SYSTEM SET] menu.

Press the volume knob to access the system settings menu. Then press the volume knob and the system settings option appears.

Each item can be adjusted by rotating the volume knob.

- ② S-VOL Settings.
 - The S-VOL value ranges from 5 to 25. You can set the default volume here.
 - When the player is turned on, if the volume of the last shutdown is greater than the default volume, it will be restored to the default volume after being turned on.
 - If the volume before power off is between VOL5 and the default volume, turn it on and return to the volume before power off.
 - If the volume is less than VOL5 before power off, power on will return to VOL5.


(6) Setting the regions

- ASIA / MIDDLE EAST
FM : 87.5 ~ 108.0 MHz (100 kHz step)
AM : 531 ~ 1,602 kHz (9 kHz step)
- AMERICA
FM : 87.5 ~ 107.9 MHz (200 kHz step)
AM : 530 ~ 1,710 kHz (10 kHz step)
- LATIN
FM : 87.5 ~ 108.0 MHz (100 kHz step)
AM : 530 ~ 1,710 kHz (10 kHz step)
- EUROPE
FM : 87.5 ~ 108.0 MHz (50 kHz step)
AM : 522 ~ 1,620 kHz (9 kHz step)
- JAPAN
FM : 76 ~ 90 MHz (100 kHz step)
AM : 522 ~ 1,629 kHz (9 kHz step)
- Russia (OIRT)
FM : 65.0 ~ 74.0 MHz (30 kHz step)
AM : 522 ~ 1,602 kHz (9 kHz step)

■ BLUETOOTH

(1) Pairing/Connecting your device





- ① Press  button for 2 seconds. The Bluetooth icon on the screen starts blinking for 120 seconds .
[The Bluetooth device is visible at this point]
- ② Turn on your phone's Bluetooth
- ③ Go to your phone's Bluetooth Settings page
- ④ Look for a new Bluetooth device
- ⑤ Select [HYUNDAI] from the list of Bluetooth names.
- ⑥ When pairing is completed, the fixed Bluetooth icon will be displayed on the screen.

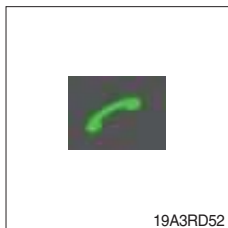
(2) Answering a call


- ※ When a call comes in, the audio source is muted, and display the call information with ring tone.
- ※ If the phonebook is not downloaded, only incoming phone number is displayed without the caller information.



- ① To answer a call, press the  button or to reject a call press and hold the  button.
 - When a call comes in, the audio source is muted.
 - When a call is ended, this unit returns to the previous state media playback.

(3) Private calls



During the call, you can do this by pressing  button to switch the sound output between the phone and the car speakers.

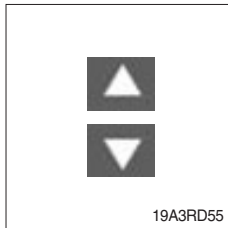
■ RADIO

(1) Tuning in a radio station



- ① Press the RADIO/AST button repeatedly to enter the radio band in order of FM1, FM2, FMA, AM1, AMA.

You can select the FM1, FM2, FMA or AM1, AMA radio band. While the Auto Store stations (AST) are stored, you can select the AMA or FMA band by additional. The previously chosen broadcasting station will be received.



- ② Press the TUNE/TRACK UP & DOWN button to select the station. During the FM reception, the Stereo [ST] indicator is on.

(2) Saving radio stations manually (Long Press : More than 2 seconds)

※ You can save up to 6 preset channels each for FM1, FM2, AM1 band. If change the stations while driving, use preset button to prevent accidents.

- ① Press RADIO/AST button repeatedly to select the band.
- ② After selecting the frequency, press and hold the PRESET [1 DSP] ~ [6 D+] button.
- ③ The frequency is saved to the selected preset button.
 - A total of 18 frequencies with 6 preset frequencies each for FM1/FM2/AM1 modes can be saved.

(3) Saving radio stations automatically (Short Press)

※ You can save up to 6 preset channels automatically each for FMA and AMA band.



- ① Press the RADIO/AST button repeatedly to enter the radio band.
 - The previously chosen broadcasting station will be received.



- ② Press and hold the RADIO/AST button to automatically save receivable frequencies to preset button.
 - Up to 6 stations can be stored in each of the FMA and AMA band.

(4) Listening to a preset station



- ① Press the RADIO/AST button repeatedly to enter the radio band.
 - You can select the FM1, FM2, FMA or AM1, AMA radio band. While the Auto Store stations (AST) are stored, you can select the AMA or FMA band by additional.
 - The previously chosen broadcasting station will be received.
- ② Press the PRESET [1 DSP] ~ [6 D+] button.
 - From the 6 presets, select the frequency you want to listen to.

■ USB PLAYER

(1) Playing an USB device



- ① Open the cover, plug the USB device (included MP3/WMA media file) to the USB port.

Once a USB is connected, USB will automatically start playing from the first file within the USB.

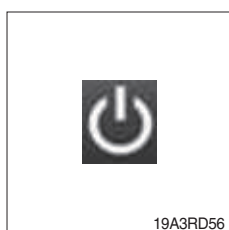
If a previously played USB is reconnected, then the file after the most recently played file is played.

If a different USB is connected or the file information within the USB was changed, then the USB will start playing from the first song within the USB.



- ② When an USB device to be played is already connected, press the MEDIA/SET button to play USB device.

The previously selected file is played.



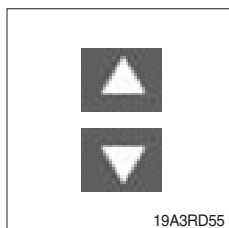
- ③ While playing, press the Volume Knob to pause the file.

(2) Changing the song information

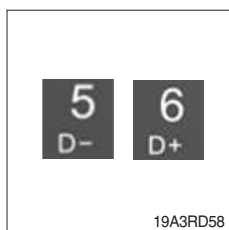


- ① Press the [1 DSP] button repeatedly to display information about the file being played.
- ② The information displayed includes the file name, playing time, ID3 Tag or folder name information saved with the song.

(3) Controlling the playback



- ① While playing, Press the Track up and Track down button to move to the previous or next track.

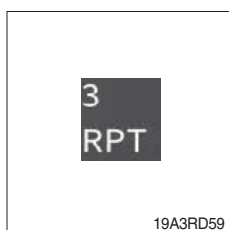




- ② Press the [5 D-] or [6 D+] button to moves to the previous or next folder.
[5 D-] press : move to previous folder.
[6 D+] press : move to next folder.





- ③ While playing, press the [1 DSP] button to pause the track.
Press the button again to play the current track.

(4) Change the playback mode



- ① Press the [3 RPT] button to select the Repeat playback mode.
- ②  On : The current file plays repeatedly.
- ③  On : The current folder plays repeatedly.
- ④ Off : Cancels repeat playback.



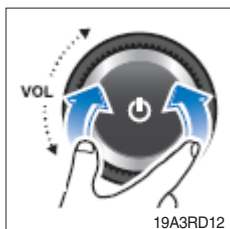
- ① Press the [4 RDM] button to select the Random playback mode.
- ②  On : All files of current folder play in random order.
- ③  On : All files of USB device play in random order.
- ④ Off : Cancels random playback.

(5) Handling precautions for USB device

- ① The amount of time required to recognize the external USB device may differ depending on the type, size, or file formats stored on the USB. Such differences in the required time are not indications of malfunction. Please wait the period of time required to recognize the device.
- ② The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used.
- ③ The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.

■ AUX PLAYER

※ By connecting an optional portable audio device to the AUX input jack (stereo 3.5mm) on the unit and then simply selecting the source, you can listen on your car speakers.



- ① Turn the VOLUME dial left to decrease the volume level.
 - The AUX volume can also be controlled separately through the connected device.



- ② Turn the external audio equipment off. Open the cover, connect the audio output of the external audio equipment to AUX input terminal on the unit.
- ③ Turn the external audio equipment on. Start playback of the external audio equipment at a moderate volume.



- ④ Press the MEDIA/SET button repeatedly to select the AUX function.
- ⑤ Set your usual listening volume by turn the VOLUME dial left/right on the unit.
 - Once the connector is disconnected, the previous mode will be restored.
 - AUX mode can be used only when an external audio player has been connected.